

APR 27 2018

P/w

Ship

May 16

MAY 03 2018



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D205-633-024

Job Sheet 176542



Part No: D205-633-024

Job Qty: 1 ea

Part Name: Heli-Access-Step™ RH - 31" Extended Height Gear, Simplex Tank Compatible



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/25/18

Job Tracking No:

Due Date: 5/15/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV C SHEET 17 IPP Rev:A new issue Rev B dwg 07-11-19 DD verified by:EC lpp RevB 11.07.26 per
NCR 11-628 EC verified by:JLM IPP Rev:C 11.09.12 remove D3165-1 DD verf:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea	5/15/18	5/15/18	0.00	0.00	Start Up Stores/Pkg-1		5/3/2018
110	Packaging	2 pcs	5/15/18	5/15/18	0.00	0.00	Packaging1-2		MAY 22 2018
120	QC	2 pcs	5/15/18	5/15/18	0.00	0.00	QC4		JRB Smr
125	DC	2 pcs	5/15/18	5/15/18	0.00	0.00	DC		JRB Smr
130	Packaging	2 pcs	5/15/18	5/15/18	0.00	0.00	Packaging3-1		JRB Smr
140	QC21-FG	2 Ea	5/15/18	5/15/18	0.00	0.00	QC21		MAY 18/05/22

Part Op 125 - Photocopy bluefile & type labels per PPP D205-633-024 CHG001

Descriptions: 130 - Identify and pack for shipping as per PPP D205-633-024

DAS

21

9-89

MAY 23 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-12A	Bolt	2 Ea (1 ea)	90-Start up Operation	5048377
AN4-14A	Bolt	2 Ea (1 ea)	90-Start up Operation	5062375
AN4-5A	Bolt	2 Ea (1 ea)	90-Start up Operation	5027725
AN4-6A	Bolt	6 Ea (3 ea)	90-Start up Operation	5044186
AN4-7A	Bolt	2 Ea (1 ea)	90-Start up Operation	5067889
AN44-7A	Eyebolt	2 Ea (1 ea)	90-Start up Operation	5056344
AN5-14A	Bolt	2 Ea (1 ea)	90-Start up Operation	5045071
D2022-101	Spacer	8 Ea (4 ea)	90-Start up Operation	5037235 x 2
D2022-103	Spacer	4 Ea (2 ea)	90-Start up Operation	5045077
D2562-013	Strut 26.63"	2 Ea (1 ea)	90-Start up Operation	5070946
D2565-201	Strut	2 Ea (1 ea)	90-Start up Operation	5072546
D2565-203	Strut	2 Ea (1 ea)	90-Start up Operation	5072561
D2565-205	Strut	2 Ea (1 ea)	90-Start up Operation	5072577
D2565-207	Strut	2 Ea (1 ea)	90-Start up Operation	5054038 v1
D2565-209	Strut	2 Ea (1 ea)	90-Start up Operation	5071024
D2565-211	Strut	2 Ea (1 ea)	90-Start up Operation	5071371
D3437-043	Aft Strut Assembly	2 Ea (1 ea)	90-Start up Operation	5058485
MS21042L4	Nut	14 Ea (7 ea)	90-Start up Operation	5054118
MS21042L5	Nut	4 Ea (2 ea)	90-Start up Operation	5041167
NAS1149D0463J	Washer	28 Ea (14 ea)	90-Start up Operation	5055952
NAS1149D0563J	Washer	6 Ea (3 ea)	90-Start up Operation	3039036
D3438-042	Weldment Assembly	2 Ea (1 ea)	110-Packaging	5067064

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval _____	
Description Work Order Deviation			Disposition		
			Completed By _____		
			Lead hand / Supervisor Approval Verification _____		
			QC / QA Coordinator Approval _____		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐			FAULT CATE Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualifier ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		
			Date: 05/22/18 Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		
			OTHER : _____		

DART AEROSPACE
 Container No: S073083
 Part: D205 - 633 - 024
 Job No: 176542
 Serial No/Batch: S073083
 Revision:
 Inspector:

DART AEROSPACE Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 CANADA
 TEL: 1 813 632-5200
 Email: sales@dartaero.com
 www.dartaerospace.com

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN4-12A	2	137	0
	AN4-14A	2	386	0
	AN4-5A	2	82	0
	AN4-6A	6	1,258	0
	AN4-7A	2	152	0
	AN44-7A	2	3	0
	AN5-14A	2	91	0
	D2022-101	8	61	0
	D2022-103	4	15	0
	D2562-013	2	0	0
	D2565-201	2	2	0
	D2565-203	2	2	0
	D2565-205	2	2	0
	D2565-207	2	3	0
	D2565-209	2	3	0
	D2565-211	2	2	0
	D3437-043	2	4	0
	MS21042L4	14	3,145	0
	MS21042L5	4	938	0
	NAS1149D0463J	28	6,160	0
	NAS1149D0563J	6	1,567	0
	D3438-042	2	1	0
Part Specifications				
Specifications could not be found.				

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐				FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
OTHER : _____									

Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Container View (Active) - Master Unit Containers

Tel (613) 632-5200

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
003021	S068149	AN4-12A	Bolt	S048377	ST344	2
003021	S068148	AN4-14A	Bolt	S062375	ST344	2
003021	S068147	AN4-5A	Bolt	S027725	ST345	2
003021	S068146	AN4-6A	Bolt	S044186	ST345	6
003021	S068145	AN4-7A	Bolt	S057520	ST345	2
003021	S068144	AN44-7A	Eyebolt	S067889	ST339	2
003021	S068143	AN5-14A	Bolt	S056344	ST338	2
003021	S045071	D2022-101	Spacer	S045070	ST001	6
003021	S068142	D2022-101	Spacer	S037255	ST001	2
003021	S068141	D2022-103	Spacer	S045077	ST001	4
003021	S070946	D2562-013	Strut 26.63"	S070945	ST353	2
003021	S073076	D2565-201	Strut	S072546	ST354	2
003021	S073077	D2565-203	Strut	S072561	ST354	2
003021	S073078	D2565-205	Strut	S072579	ST354	2
003021	S054038	D2565-207	Strut	S054033	ST354	1
003021	S073074	D2565-207	Strut	S072615	ST354	1
003021	S072037	D2565-209	Strut	S071024	ST355	2
003021	S072038	D2565-211	Strut	S071371	ST355	2
003021	S058485	D3437-043	Aft Strut Assembly	S056153	ST501	2
003021	S068140	MS21042L4	Nut	S054118	ST303	14
003021	S068139	MS21042L5	Nut	S041167	ST303	4
003021	S068138	NAS1149D0463J	Washer	S055952	ST263	28
003021	S068137	NAS1149D0563J	Washer	S039036	ST263	6

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 5/22/18 1:39 PM dart.quirion.sonia

**5.2 D205-633-021/-022/-023/-024/-025/-026 Heli-Access Step
(Simplex Model 304 Fire Attack Tank Compatible)**

QTY -021	QTY -022	QTY -023	QTY -024	QTY -025	QTY -026	Part Number	Description
X						D205-633-021	Heli-Access-Step™ (LH), High Gear
	X					D205-633-022	Heli-Access-Step™ (RH), High Gear
		X				D205-633-023	Heli-Access-Step™ (LH), Extended High Gear (31")
			X			D205-633-024	Heli-Access-Step™ (RH), Extended High Gear (31")
				X		D205-633-025	Heli-Access-Step™ (LH), Extended High Gear (39")
					X	D205-633-026	Heli-Access-Step™ (RH), Extended High Gear (39")
4	4	4	4	4	4	D2022-101	SPACER
2	2	2	2	2	2	D2022-103	SPACER
				1	1	D2562-005	STRUT
1	1					D2562-011	STRUT
		1	1			D2562-013	STRUT
1		1		1		D2563	WELDMENT ASSEMBLY
1	1					D2565-101	STRUT
1	1					D2565-103	STRUT
1	1					D2565-105	STRUT
1	1					D2565-107	STRUT
1	1					D2565-109	STRUT
*1	*1					D2565-111	STRUT
		1	1			D2565-201	STRUT
		1	1			D2565-203	STRUT
		1	1			D2565-205	STRUT
		1	1			D2565-207	STRUT
		1	1			D2565-209	STRUT
		*1	*1			D2565-211	STRUT
				1	1	D2565-301	STRUT
				1	1	D2565-303	STRUT
				1	1	D2565-305	STRUT
				1	1	D2565-307	STRUT
				1	1	D2565-309	STRUT
				*1	*1	D3165-1	SUPPORT ARM
1	1					D3437-041	AFT STRUT ASSEMBLY
		1	1			D3437-043	AFT STRUT ASSEMBLY
				1	1	D3437-045	AFT STRUT ASSEMBLY
	1		1		1	D3438-042	WELDMENT ASSEMBLY
1	1	1	1	1	1	AN4-5A	BOLT
4	4	3	3	3	3	AN4-6A	BOLT
1	1	1	1	1	1	AN4-7A	BOLT
1	1					AN4-11A	BOLT
		1	1	1	1	AN4-12A	BOLT
1	1	1	1	1	1	AN4-14A	BOLT
1	1	1	1	1	1	AN44-7A	EYEBOLT
1	1	1	1	1	1	AN5-14A	BOLT
16	16	14	14	14	14	AN960JD416	WASHER
3	3	3	3	3	3	AN960JD516	WASHER
8	8	7	7	7	7	MS21042L4	NUT (or MS21042-4)
2	2	2	2	2	2	MS21042L5	NUT (or MS21042-5)

* ONLY INSTALLED IF TANK IS REMOVED